UTILITY
PATENT APPLICATION

Court	7.7.				
Attorney Docket No.	97112.2936 John Marsden System for Direct Electrowinning of Copper				
First Inventor					
Title					
Express Mail LabelNo	EV 325941498				

TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P. O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table ocomputer 7. (Submit an original, and a duplicate for fee processing) Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Computer Readable Form (CRF) a. Specification [Total Pages S (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the invention CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Paper - Reference to sequence listing, a table, or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description 9. Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement 10. - Abstract of the Disclosure Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [TotalSheets Information Disclosure Copies of IDS 12. Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages 13. Preliminary Amendment Newly executed (original or copy) Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) (Should be specifically itemized) Certified Copy of Priority Document(s) (for continuation/divisional with Box 18 completed) 15. (if foreign priority is claimed) DELETION OF INVENTOR(S) Nonpublication Request under 35 U.S.C. 122 16. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Signed statement attached deleting inventor(s) or its equivalent. named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Other: Application Data Sheet. See 37 CFR 1.76 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Continuation-in-part (CIP) of prior application No.: 10/238 399 Divisional Examiner ANDREW WESSMAN Group / Art Unit: 1742 Prior application information: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS \mathbf{X} Customer Number: Correspondence address below 20322 Wendy S. Neal Name SNELL & WILMER LLP 400 East Van Buren Address City Phoenix AZZip Code State 85004 Country Telephone Name (Print/Tyree) Registration No. (Attorney/Agent) Wendy S. Nea 45,615 Signature Dec. 15, 2003

This collection of information is required by 37 CFR 1.58(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006, OMB 0651-0032
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FEE TRANSMITTAL	C		
	Application Number	TBA	
for FY 2004	Filing Date	December 15, 2003	
Effective 10/01/2003. Patent fees are subject to annual revision.	First NamedInventor	John O. Marsden .	
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	TBA	
	Art Unit	TBA	
TOTAL AMOUNT OF PAYMENT (\$) \$750.00	Attorney Docket No.	97112.2936	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None		3. ADDITIONAL FEES					
Deposit Account:		ntity	Smal	Entity	4		
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Account Number 19-2814	1051	130	2051		Surcharge - late filing fee or oath		
Deposit Coult C XVII	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Account Name Snell & Wilmer	1053	130	1053	130	Non - English specification		
The Director is authorized to: (check all that apply)		2,520	1812	2,520	For filing a request for ex parte reexamination		
Credit any overpayments		920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge any additional fee(s) or any underpayment of fee(s)		1,840*	1805	1,840*	Requesting publication of SIR after Examiner		
Charge fee(s) indicated below, except for the filing fee		440	2254		action		
to the above-identified deposit account.	1251	110	2251		Extension for reply within first month		
FEE CALCULATION	1252 1253	420	2252 2253		Extension for reply within second month Extension for reply within third month		
1. BASIC FILING FEE	1	950 1,480	2253		Extension for reply within fourth month		
Large Entity Small Entity Fee Fee Fee Fee Description	1	2,010	2255		Extension for reply within fifth month		
Code (\$) Code (\$) Fee Paid	1401	330	2401	,	Notice of Appeal		
1001 770 2001 385 Utility filing fee 750.00	1402	330	2402		Filing a brief in support of an appeal		
1002 340 2002 170 Design filing fee	1403	290	2403		Request for oral hearing		
1003 530 2003 265 Plant filing fee	1	1,510			Petition to institute a public use proceeding		
1004 770 2004 385 Reissue filing fee	1452	110	2452	•	Petition to revive - unavoidable		
· · · · · · · · · · · · · · · · · · ·		1.330	2453		Petition to revive - unintentional		
SUBTOTAL (1) (\$) \$750.00		1,330	2501	665	Utility issue fee (or reissue)		
2. EXTRA CLAIM FEES FOR UTILITY ANDREISSUE Fee from		480	2502	240	Design issue fee		
Extra Claims below Fee Paid	1503	640	2503	320	Plant issue fee		
Total Claims 20 -20** = 0 X 18.00 = 0.00 Independent 23 -3** = 0 X = 0.00 Claims Multiple Dependent		130	1460	130	Petitions to the Commissioner		
		50	1807	50	Processing fee under 37 CFR § 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure		
Fee Fee Fee Fee Description	8021	40	8021	40	Statement Recording each patent assignment per property		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20					(times number of properties)		
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined		
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	(37 CFR § 1.129(b)) Request for Continued Examination (RCE)		
over original patent		900	1802		Request for expedited examination		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					of a design application		
		er tee (:	specify)				
SUBTOTAL (2) (\$) \$0.00							
or number previously paid, if greater, For Reissues, see above	*Red	luced b	y Basic	Filing	Fee Paid SUBTOTAL (3) (\$)		
SUBMITTED BY Complete (if applicable)							
Name (Print/Type) Wendy S. Wendy		Registra Attorney	ation No /Agent)	P	45,615 Telephone (602) 382-6	334	
	/ 1						

Signature December 15, 2003

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